(19) World Intellectual Property Organization

International Bureau



. (1818) | 1818) | 1818) | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 | 1818 |

(43) International Publication Date 30 June 2005 (30.06.2005)

PCT

(10) International Publication Number WO 2005/059938 A1

(51) International Patent Classification7:

H01H 33/70

(21) International Application Number:

PCT/EP2004/014569

(22) International Filing Date:

17 December 2004 (17.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 03079013.3

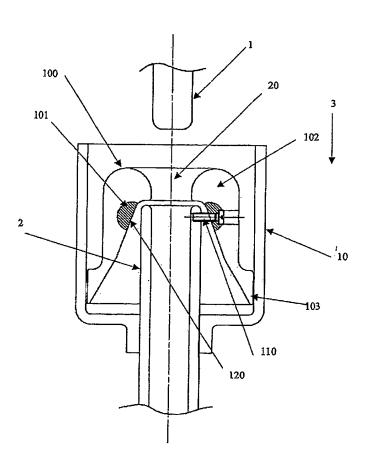
19 December 2003 (19.12.2003)

- (71) Applicant (for all designated States except US): ABB TECHNOLOGY AG [CH/CH]; Affoltemstrasse 44, CH-8050 Zurich (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CAPITANIO. Roberto [IT/IT]; Via A. Pacinotti, 106, I-24123 Bergamo (IT). CEREDA, Carlo [IT/IT]; Via A. Gramsci, 4, I-24043 Caravaggio (IT).

- (74) Agent: DE SANTIS, Giovanni, ABB Service S.r.l., Via L. Lama, 33, I-20099 Sesto S. Giovanni (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG. PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO. SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: NOZZLE FOR A GAS-INSULATED SWITCHING DEVICE AND RELATED SWITCHING DEVICE



(57) Abstract: A nozzle for a medium or high voltage gas switching device of the type having at least a couple of separable arc contacts (1, 2), comprising a hollow shaped body (100) suitable to be positioned inside the device around the zone (20) where electric arcs form between said arc contacts (1, 2) during switching operations, characterized in that said hollow shaped body (100) has a first portion (101) electrically conductive and a second portion (102) made of electrically insulating material which surrounds at least partially said first portion (101).

į

WO 2005/059938 A1



Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.